

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/583,280 – Conf. # 2639
				Filing Date	June 16, 2006
				First Named Inventor	Charles L. Sawyers
				Art Unit	1642
				Examiner Name	Sean E. Aeder
Sheet	1	of	6	Attorney Docket Number	58086-232451

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A21	3,984,430	10-05-1976	CURRAN	
	A22	4,312,881	01-26-1982	WOOTTON	
	A23	4,873,256	10-10-1989	COUSSEDIERE <i>et al.</i>	
	A24	5,166,358	11-24-1992	SEURON <i>et al.</i>	
	A25	5,556,983	09-17-1996	CLAUSSNER <i>et al.</i>	
	A26	5,589,497	12-31-1996	CLAUSSNER <i>et al.</i>	
	A27	5,627,201	05-06-1997	GAILLARD-KELLY <i>et al.</i>	
	A28	5,646,172	07-08-1997	CLAUSSNER <i>et al.</i>	
	A29	5,958,936	09-28-1999	CLAUSSNER <i>et al.</i>	
	A30	6,107,488	08-22-2000	BOUCHET <i>et al.</i>	
	A32	6,242,611	06-05-2001	CLAUSSNER <i>et al.</i>	
	A33	6,472,415	10-29-2002	SOVAK <i>et al.</i>	
	A34	RE35,956	11-10-1998	GAILLARD-KELLY <i>et al.</i>	
	A35	2004/0116417	06-17-2004	BOUBIA <i>et al.</i>	
	A37	4,234,736	11-18-1980	BERNAUER <i>et al.</i>	
	A38	4,304,782	12-08-1981	DUMONT <i>et al.</i>	
	A39	4,407,814	10-04-1983	BERNAUER <i>et al.</i>	
	A42	4,482,739	11-13-1984	BERNAUER <i>et al.</i>	
	A45	4,873,256	10-10-1989	COUSSEDIERE <i>et al.</i>	
	A48	5,614,620	03-25-1997	Liao <i>et al.</i>	
	A49	6,307,030	10-23-2001	French <i>et al.</i>	
	A50	5,071,773	12-10-1991	Evans <i>et al.</i>	
	A51	2005/0153968 A1	07-14-2005	Bi <i>et al.</i>	
	A52	7,271,188	09-18-2007	Tachibana <i>et al.</i>	
	A53	2007/0249697 A1	10-25-2007	Tachibana <i>et al.</i>	
	A54	2006/0127902 A1	06-15-2006	S.J. Madden <i>et al.</i>	
	A55	5,726,061	03-10-1998	D. Robbins <i>et al.</i>	

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FOREIGN PATENT DOCUMENTS						
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B8	EP 0 580 459 B1	1/26/1994	ROUSSEL UCLAF		
	B9	FR 2 693 461 A1	1/14/1994	ROUSSEL UCLAF		
	B11	WO 2006/028226 A	3/16/2006	CHUGAI SEIYAKU KABUSHIKI KAISHA		
	B12	EP 0 002 259 B1	10-03-1984	THE WELLCOME FOUNDATION LIMITED		
	B13	EP 0 494 819 A1	01-08-1992	ROUSSEL-UCLAF		
	B14	EP 0 578 516 A1	05-28-1993	ROUSSEL-UCLAF		
	B15	EP 0 580 459 A1	05-28-1993	ROUSSEL-UCLAF		
	B16	EP 0 721 944 B1	01-17-2001	SUNTORY LIMITED		
	B17	EP 1 790 640 A	05-30-2007	Chugai Pharmaceutical Ltd		
	B18	FR 2 715 402 - A1	01-05-1994	ROUSSEL UCLAF		
	B19	FR 2 845 384 - A1	10-04-2002	LABORATOIRES FOURNIER S.A.		
	B20	WO 02/053155 A1	07-11-2002	GERON CORPORATION		
	B21	WO 02/081453 A1	10-17-2002	LABORATOIRES FOURNIER S.A.		
	B22	WO 03/029245 A1	04-10-2003	BRISTOL-MYERS SQUIBB COMPANY		
	B23	WO 03/093243 A1	11-13-2003	AVENTIS PHARMA DEUTSCHLAND GMBH		
	B24	WO 2004/031160 A2	04-15-2004	LABORATOIRES FOURNIER S.A.		
	B25	WO 97/19064	05-29-1997	ROUSSEL UCLAF		
	B26	WO 97/19931	06-05-1997	AMERICAN HOME PRODUCTS CORPORATION		
	B27	WO 03/096980	11-27-2003	Sun et al.		
	B28	WO 05/089752	09-29-2005	Moon et al.		
	B29	WO 06/010642	02-01-2006	Strobel et al.		
	B30	WO 2007/127010	11-08-2007	UNIV CALIFORNIA		

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	B31	AU 217893 (cover page)	06-12-1958	Imperial Chemical Industries Limited		
	B33	EP 0017976 A2, A3	10-29-1980	F.Hoffmann-La Roche & Co.		
	B34	EP 0017976 B1	06-22-1983	F.Hoffmann-La Roche & Co.		
	B35	WO 2007/126765	11-08-2007	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA		
	B36	JP 2019363 A	01-23-1990	FUJISAWA PHARMACEUTICAL CO., LTD.		T
	B37	EP0331232A2	09-06-1989	JANSSEN PHARMACEUTICA N.V.		
	B39	WO 2004/070050A2	08-19-2004	AVENTIS PHARMA S.A.		
	B40	WO 2003/057220A1 (abstract)	07-17-2003	GLAXO GROUP LTD., UK		
	B41	WO 2008/119015 A2	10-02-2008	Sloan-Kettering Institute for Cancer Research		
	B42	EP 0 494 819 B1	07-10-1996	ROUSSEL UCLAF		
	B43	WO2005/059109 A2 (International Search Report)	06-30-2005	The Regents of the University of California		
	B44	WO2005/059109 A3 (International Search Report)	09-28-2006	The Regents of the University of California		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C90	Extended European Search Report issued in European Patent Application No. EP 06748863.5, mailed on February 12, 2009.	
	C91	International Search Report issued in International Application No. PCT/US2007/007854, mailed on April 15, 2008	
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	C92	Written Opinion issued in International Application No. PCT/US2007/007854, mailed on April 15, 2008.	
	C94	Cousty-Berlin, et al., "Preliminary Pharmacokinetics and Metabolism of Novel Non-steroidal Antiandrogens in the Rat: Relation of their Systemic Activity to the Formation of a Common Metabolite," <i>J. Steroid Biochem. Molec. Biol.</i> , Vol. 51, No. 1/2, pp. 47-55 (1994).	
	C95	Feher, et al., "BHB: A Simple Knowledge-Based Scoring Function to Improve the Efficiency of Database Screening," <i>J. Chem. Inf. Comput. Sci.</i> , Vol. 43, pp. 1316-1327 (2003).	
	C96	Foury, et al., "Control of the Proliferation of Prostate Cancer Cells by an Androgen and Two Antiandrogens. Cell Specific Sets of Responses," <i>J. Steroid Biochem. Molec. Biol.</i> , Vol. 66, No. 4, pp. 235-240 (1998).	
	C98	Karvonen, et al., "Interaction of Androgen Receptors with Androgen Response Element in Intact Cells," <i>The Journal of Biological Chemistry</i> , Vol. 272, No. 25, pp. 15973-15979 (1997).	
	C99	Kemppainen, et al., "Distinguishing Androgen Receptor Agonists and Antagonists: Distinct Mechanisms of Activation by Medroxyprogesterone Acetate and Dihydrotestosterone," <i>Mol. Endocrinol.</i> , Vol. 13, pp. 440-454 (1999); mend.endojournals.org .	
	C100	Marhefka, et al., "Homology Modeling Using Multiple Molecular Dynamics Simulations and Docking Studies of the Human Androgen Receptor Ligand Binding Domain Bound to Testosterone and Nonsteroidal Ligands," <i>J. Med. Chem.</i> , Vol. 44, No. 11, pp. 1729-1740 (2001).	
	C101	Matias, et al., "Local Inhibition of Sebaceous Gland Growth by Topically Applied RU 58841," <i>NY Acad. Sci.</i> , Vol. 761, pp. 56-65 (1995).	
	C102	Sderholm, et al., "Three-Dimensional Structure – Activity Relationships of Nonsteroidal Ligands in Complex with Androgen Receptor Ligand-Binding Domain," <i>J. Med. Chem.</i> , Vol. 48, No. 4, pp. 917-925 (2005).	
	C103	Sperry, et al., "Androgen binding profiles of two distinct nuclear androgen receptors in Atlantic croaker (<i>Micropogonias undulates</i>)," <i>Journal of Steroid Biochemistry & Molecular Biology</i> , Vol. 73, pp. 93-103 (2000).	
	C104	Zarghami, et al., "Steroid hormone regulation of prostate-specific antigen gene expression in breast cancer," <i>British Journal of Cancer</i> , Vol. 75, No. 4, pp. 579-588 (1997).	
	C105	International Search Report issued in PCT Application PCT/US2007/07485, mailed on September 4, 2008	
	C106	Written Opinion issued in PCT Application PCT/US2007/07485, mailed on September 4, 2008	
	C107	International Search Report issued in International Application No. PCT/US2008/012149 mailed on April 29, 2009	
	C108	Written Opinion issued in International Application No. PCT/US2008/012149, mailed on April 29, 2009.	
	C109	Office Action issued in U.S. Patent Application 10/590,445, mailed on March 2, 2009	
	C110	International Search Report issued in International Application No. PCT/US2007/007854, mailed on April 15, 2008	

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C111	Written Opinion issued in International Application No. PCT/US2007/007854, mailed on April 15, 2008	
C112	International Search Report issued in PCT Application No. PCT/US2004/042221, mailed on June 20, 2005	
C113	Written Opinion issued in PCT Application No. PCT/US2004/042221, mailed on June 20, 2005	
C114	Written Opinion issued in PCT Application No. PCT/US2005/005529, mailed on November 10, 2005	
C115	Written Opinion issued in PCT Application No. PCT/US2006/011417, mailed on July 3, 2006	
C116	Data Sheet from U.S. Patent and Trademark Office (USPTO) File Wrapper for U.S. Serial Number 08/807,760	
C117	Notice of References Cited from U.S. Patent and Trademark Office (USPTO) File Wrapper for U.S. Serial Number 08/807,760	
C118	Office Action of 1/18/1994 from U.S. Patent and Trademark Office for U.S. Serial Number 08/064,257	
C119	Office Action (paper number 7) from U.S. Patent and Trademark Office for U.S. Serial Number 08/064,257	
C120	Office Action (paper number 10) from U.S. Patent and Trademark Office for U.S. Serial Number 08/064,257	
C121	Office Action of 8/14/1992 from U.S. Patent and Trademark Office for U.S. Serial Number 07/819,110	
C122	Notice of References Cited of 7/24/1992 from U.S. Patent and Trademark Office for U.S. Serial Number 07/819,110	
C123	Office Action of 2/22/1993 from U.S. Patent and Trademark Office for U.S. Serial Number 07/819,110	
C124	Office Action of 9/2/1993 from U.S. Patent and Trademark Office for U.S. Serial Number 07/819,110	
C125	Office Action of 6/1/1994 from U.S. Patent and Trademark Office for U.S. Serial Number 07/819,110	
C126	M.J. Linja et al., "Amplification and overexpression of androgen receptor gene in hormone-refractory prostate cancer", Cancer Research, vol. 61 (1 May 2001) pp. 3550-3555.	
C127	J. Holzbeierlein et al., "Gene Expression Analysis of Human Prostate Carcinoma during Hormonal Therapy Identifies Androgen-Responsive Genes and Mechanisms of Therapy Resistance", Am. J. Pathology, vol. 164, no. 1 (Jan. 2004) pp.217-227.	
C128	C.D. Chen et al., "Molecular determinants of resistance to antiandrogen therapy", Nature Medicine, vol. 10, no. 1 (Jan. 2004) pp.33-39.	
C129	Office Action of 7/23/2008 from U.S. Patent and Trademark Office for U.S. Serial Number 10/590,445.	
C130	Karp et al., "Prostate Cancer Prevention: Investigational Approaches and Opportunities", Cancer Res., v. 56 (Dec. 15, 1996) pp. 5547-5556.	
C131	Graham and van der Eb, "A new technique for the assay of infectivity of human adenovirus 5 DNA", Virology, v. 52(2) (April 1973) pp. 456-467.	
C132	P.J. Creaven et al., "Pharmacokinetics and Metabolism of Nilutamide", Supp. Urology, vol. 37, no. 2 (Feb. 1991) pp. 13-19.	

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C133	Singh et al., "Androgen Receptor Antagonists (Antiandrogens): Structure-Activity Relationships", Current Medicinal Chemistry, 2000, 7, pp. 211-247	
C134	Bohl et al., "Structural basis for antagonism and resistance of bicalutamide in prostate cancer", Proc. Nat. Acad. Sci., 2005, v. 102(17), pp. 6201-6206	
C135	Nam et al., "Action of the Src Family Kinase Inhibitor, Dasatinib (BMS-354825), on Human Prostate Cancer Cells", Cancer Res., 2005, v. 65(20), pp. 9185-9189	
C143	A.M. Soto et al., "Control of Cell Proliferation: Evidence for Negative Control on Estrogen-sensitive T47D Human Breast Cancer Cells", Cancer Research, 46 (1986) pp. 2271-2275.	

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